

BREITFELD, Z.

Beskydy sandstone as a building material. p. 141.
STAVIVO. (Ministertvo stavebnictvi) Praha.
Vol. 34, no. 4, April 1956.

SOURCE:

East European Accessions List, (EEAL),
Library of Congress. Vol. 5, no. 12,
December 1956.

L 13537-65

ENG(j)/FSS-2/ENG(r)/EWI(1)/EEC(a)/T/ENG(c)/EWG(a)/FS(v)-3/ENG(v)
Pe-5 AND/AS(mp)-2/AFMDC/ASD(a)-5/SSD/ESD(gs)/ESD(t) DD

ACCESSION NR: AP4044130

Z/0040/64/000/008/0247/0248

AUTHOR: Peska, Miroslav; Breitkopf, Otto

TITLE: Soundproof helmets

SOURCE: Letecky obzor, no. 8, 1964, 247-248

TOPIC TAGS: sound level, soundproofing, soundproof helmet, sound absorption, excessive noise level

ABSTRACT: The article discusses the problem of the generally increased noise level due to increased highway and air traffic, particularly in the case of airports in Czechoslovakia, pointing out that it is ground-based personnel at airports who are most vulnerable to the harmful effects of excessively high noise levels. A table is given of increased sound levels generated by the various types of transport aircraft landing at Czech airports, and the various means for suppressing sound at its source (the motor) and for absorbing it once it is propagated in the surroundings are discussed. Some Soviet, West German, and French sound absorber designs are discussed, as are three types of individual sound absorption devices currently used by personnel working under high sound-level condi-

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L 13537-65

ACCESSION NR: AP4044130

tions. Of these soundproof helmets, the best types are those that cover the whole ear and protect the whole head and are used where the sound level exceeds 100-110 db. It is pointed out that the problem of protecting ground personnel from excessive sound levels at Czech airports was solved by using soundproof helmets of foreign manufacture. The available supply of these helmets, however, did not meet the demand, and VUBP [not otherwise identified in text] was not able to arrange for the manufacture of such helmets in Czechoslovakia. Even these helmets had the disadvantage of not being profiled to the head and face, which reduced their effectiveness. Scientific research institutes are called on to cooperate with designers and engineers to find a decisive solution to the problem of protecting ground and other service personnel from the harmful effects of excessive noise. Orig. art. has: 4 figures and 1 table.

ASSOCIATION: none

SUBMITTED: 00

NO REF SOV: 000

ENCL: 00

OTHER: 000

SUB CODE: GP, PH

Card 2/2

BREITKOPF, Otto

Prevention of accidents. Letecky obzor 9 no.1:16-17 Ja '65.

BREITMAN, B.

~~BREITMAN~~, B.: BENCOVICI, S.

"Processing of raw silk waste in the manufacture of carded wool", p. 283,
(INDUSTRIA TEXTILA, Vol. 5, No. 8, Aug. 1954, Bucuresti, Rumania)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 4,
April 1955, Uncl.

BREITMAN, B., ing.; GAIB, A.

Improvement of the equipment in the finishing department of the Buhusi
Woolen Works. Ind text Rum 13 no.10:419-423 0 '62.

1. Fabrica de postav, Buhusi.

BREJC, J.

Yugoslavia (430)

General - Serials

Notes on the present French literature. p. 627.
NOVI SVET (Drzavna zalozba Slovenije) Ljubljana.
(Monthly for literature and Arts). Vol. 3, 1948.

East European Accessions List, Library of
Congress, Vol. 1, no. 13, November 1952.
UNCLASSIFIED.

CZECHOSLOVAKIA / Chemical Technology. Chemical Products H
and Their Application. Chemical Processing of
Natural Gases and Petroleum; Motor and Rocket
Fuels; Lubricants;

Abs Jour: Ref Zhur-Khimiya, No 12, 1959, 43733.

Author : Brejch A.
Inst : Not given.
Title : Liquid Fuels.

Orig Pub: Paliva, 1958, 38, No 11, 370-372.

Abstract: Reviewed are the basic physical and chemical characteristics of heavy residua of the petroleum refining, of coal hydrogenation etc. from the standpoint of their utilization as commercial fuels.

Card 1/1

BREJCHA, A.

TECHNOLOGY

Periodical: PALIVA. Vol. 38, no. 11, Nov. 1958

BREJCHA, A. Fuel oils. p. 370

Monthly List of East European Accessions (EEAT) LC, Vol. 8, no. 3
March 1959 Unclass.

EXCERPTA MEDICA Sec. 17 Vol. 3/6 Public Health June 57

1901. BREJCHA A. Technická kontrola Stalinových Závodů n.p., Zaluží, Kruš-
ných horách. *Obsah benzenu v technických benzínech. The benzene
content in technical petrol PRACOVNÍ LÉKÁŘSTVÍ (Praha) 1956,
8/3 (207-209) Graphs 5 Tables 2

In technical petrols produced on the basis of high pressure catalytic hydrogenation
an average content of aromatic hydrocarbons of about 7% by weight was ascertain-
ed statistically, and the benzene content in all kinds of technical petrols (except
for extraction petrol 60-80, used for extraction in a closed apparatus) was about
1% by weight. In view of the low content of benzene no health hazard arises from
these types of technical petrols.

BREJCHA, Antonin

Second Meeting of the Permanent Geologic Commission of the
Council of Mutual Economic Assistance. Geol pruzkum 6 no. 6:
190 Je '64.

BREJCHA, Antonin

Third Meeting of the Permanent Geologic Commission of the
Council of Mutual Economic Assistance. Geol pruzkum 6
no. 7:219-220 J1 '64.

BREJCHA, M.; MUDr; SKOKAN, Z.V., MUDr (SPN, Praha XII, Srobarova 50)

Importance of lateral skiagraphy in determinating the extent of laryngeal and pharyngeal tumors. Cesk.onkol. 2 no.2-3:171-177 1955.

1. Onkologicke odd. a roentgenologicke odd. Statni fakultni nemocnice v Praze XII.

(LARYNX, neoplasms,

x-ray, lateral)

(PHARYNX, neoplasms,

x-ray, lateral)

BREJCHA, M.; SLABA, J.; TOPOL', O.

Application of photography in practical dosimetry. Cesk.onkol.
2 no.2-3:177-182 1955.

1. Onkologicke odd. SNF v Praze XII a n.p. Zdravotnicke opravny,
roentgenotechnicke odd. v Praze. MUDr M. Brejcha, MUDr O. Topol',
SFN Praha XII, Sbrobarova 50. RUDr J. Slaba, Zdravotnicke opravny,
n. p., Praha I, Martinska 3)

(RADIOTHERAPY,
dosimetry, photography in)
(PHOTOGRAPHY,
in dosimetry of x-ray)

BREJCHA, Miloslav; BERGSTEINOVA, Vlasta; BENES, Josef

Effect of certain antibiotics on post-irradiation syndromes in mice and rats. Cesk. onkol. 3 no.4:324-332 1956.

1. Staatliches Fakultatskrannhenhaus, Praha.

(RADIATIONS, effects,

in mice & rats, eff. of antibiotics on reactivity (Ger))

(ANTIBIOTICS, effects,

on radiation eff. in mice & rats (Ger))

BREJCHA, Miloslav; TOPOL, Oskar

Sarkomycin treatment of malignant diseases; preliminary results.
Cas. lek. cesk. 95 no.42:1175-1178 19 Oct 56.

1. Onkologicke odd. SFN Praha 12, prednosta MUDr. Emil Ungar.
M. B., Praha 12, Srobarova 50.

(ANTIBIOTICS, ther. use,

sarkomycin in malignant neoplasms, alone & with
radiother. (Cz))

(NEOPLASMS, ther.

sarkomycin in malignant neoplasms, alone & with radiother. .
(Cz))

(RADIOTHERAPY, in various dis.

malignant neoplasms, with sarkomycin (Cz))

Brygha, Miloslav

BENES, Josef; BERGSTEINOVA, Vlasta; BREJCHA, Miloslav

Changes of the general amount of free amino acids and proteins in blood serum in the postirradiation syndrome in rats. Neoplasma, Bratisl. 4 no.4:351-356 1957.

1. Staatliches Fakultätskrankenhaus Praha 12, Onkologische Abteilung.
(ROENTGEN RAYS, eff.
on amino acids & proteins in blood of rats)
(BLOOD PROTEINS, eff. of radiation on
x-rays, in rats)
(AMINO ACIDS, in blood
eff. of x-irradiation in rats)

EXCERPTA MEDICA Sec 11 Vol 12/2 D.R.I. August 59
1478. X-RAY DIAGNOSIS OF MALIGNANT TUMOURS OF THE PHARYNX AND
LARYNX - Rentgenodiagnostika zhoubných nádorů hrtanu a hltanu -
Brejcha M. and Skokan Z. V. Rentgenol. Odd. FN, Praha - ČAS.
LEK. CES. 1958, 97/31-32 (1004-1011) Illus. 1 (XI, 5, 14, 16)

BREJCHA, Miloslav; SKOKAN, Zdenek V.

X-ray diagnosis of malignant pharyngeal & laryngeal tumors. Cas. lek. cesk. 97 no.31-32:1004-1011 8 Aug 58.

1. Rentgenologicke oddeleni FN Praha 12, prednosta doc. dr. R. Blaha. M. B., Praha 12, Srobarova 50.

(LARYNX, neoplasms

x-ray diag. of malignant tumors, review (Cz))

(PHARYNX, neoplasms,
same)

BREJCHA, M.; FARA, M.; HRIVNAKOVA, J.

Bone changes in Recklinghausen's neurofibromatosis. Acta
chir. orthop.traum. cech. 30 no.6:484-489 D'63.

1. Ustredni rentgenologicke oddeleni fakultni nemocnice v
Praze 10, (vedouci: prof. dr. R. Blaha) a Klinika plasticke
chirurgie lekarske fakulty hygienicke KU v Praze, (prednosta:
prof.dr. V.Karfik).

*

SEHR,A. ; BARDON,L.; BREJCHA,M.; JIRASEK,M.

Contribution to the diagnosis of large retro- and intraperitoneal structures. Cesk. rentgen. 18 no.2:100-104 Mr'64.

1. Rentgenove oddeleni fakultni nemocnice v Praze, 10;
vedouci: prof.dr.R.Blaha.

*

BREJCHA, Miloslav; PIHRT, Jaroslav

Changes in the maxillary sinuses following the Caldwell-Luc operation. Acta Univ. Carol. [med.] (Praha) 9 no.3:225-235 '63.

1. Centralni rtg oddeleni fakultni nemocnice na Vinohradech (prednosta: prof. MUDr. R. Blaha) a Otorinolaryngologicka klinika lekarske fakulty hygienicke University Karlovy v Praze (prednosta: prof. MUDr. Vl. Hlavacek).

BREJCHA, Pavel

Combined flying machines. Lstecky obzor 6 no.10:330-333 '62.

BREJCHA, Pavel

Supersonic airplanes. Letecky obzor 7 no.4:114-115 '63.

ACCESSION NR: AP3000262

z/0040/63/000/005/0150/0152

AUTHOR: Brejcha, Pavel

TITLE: Freights in suspension

SOURCE: Letecky obzor, no. 5, 1963, 150-152

TOPIC TAGS: air cargo suspended from aircraft; helicopters as cranes; dirigible airships in air freight; air-cushioned vehicles in agriculture

ABSTRACT: The article deals with a special type of freight transportation by air in which the load is not inside the craft but is carried suspended below it. Originally ordinary helicopters were used for this purpose. The next step was constructing helicopters especially for this task, replacing the usual cabin with a carrying beam having a rotor at the tail end. The beam has the usual crane machinery attached to it, and a small cabin in front for 2 or 3 men. One seat is turned backwards and occupied by the crane operator. Bigger craft of this type have 2-3 tur-

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ACCESSION NR: AP3000262

bines with 4-6 blade rotors. At present the lightest cranes of 200-500 kg capacity are ordinary helicopters with a suspended crane. The units described above have a capacity of 1 to 20 tons. The cost of transportation by these cranes is 5 times that of the cost of ordinary freight aircraft with an added disadvantage of a strong air stream from the rotors that interferes with the handling of the load. The planned 40-ton unit would need a rotor 50 meters in diameter. Presently there were some suggestions made in Russia to use dirigible airships for this purpose. The carrying capacity would be limited only by the amount of carrying gas and water ballast; the development of plastics, high efficiency motors, radar, and the use of helium would make such ships safe. The cost of such transportation would be only a third of the cost by a present day aeroplane, and landing facilities would be cheap to provide. Use of these craft for dusting of crops would be advantageous. Even balloons towed by tractors offer interesting possibilities. Air cushioned gliders using a powerful air stream to float above the ground offer another approach to air freight. They would also be highly suitable for harvesting and other applications in agriculture. Orig. art. has 6 figs.

Card 2/3

ACCESSION NR: AP3000262

ASSOCIATION: none

SUBMITTED: 00

DATE ACQ: 17Jun63

ENCL: 00

SUB CODE: 00

NR REF SOV: 000

OTHER: 000

Card 3/3

BREJCHA, Pavel

Big tasks of short-distance transportation. Letecký obzor 7
no.7:212-213 '63.

BREJCHA, Pavel

Jet air taxis. Letecký obzor 7 no.9:269 3'63.

BREJCHA, Pavel

Peaceful coexistence in space. Letecky obzor 7 no.11:334-
335 N°63.

KYBAL, J.; BREJCHA, V.; HORAK, P.

Relation between contents of alkaloids and pigments in
sclerotia of *Claviceps purpurea* tul. Cesk. farm. 4 no.4:
190-191 May 55.

1. Z Vyskumneho ustavu lecivych rostlin, Praha.

(ERGOT ALKALOIDS

relation between contents of alkaloids and
pigments in sclerotia *Claviceps purpurea* tul.)

(PIGMENTS

in sclerotia *Claviceps purpurea* tul, relation to
alkaloid contents)

BREJCHA, V.; BLAZEK, Z.; STARY, F.

Contribution to the study on the effect of various light intensities
on common chamomile flowers. Cesk. farm. 11 no.1:19-23 '61.

1. Vyzkumny ustav prirodnich leciv, Praha.

(PLANTS MEDICINAL)

1728 *Brejcha, V.*
 The problem of races and strains of ergot, *Claviceps purpurea*. J. Kyhal and V. Brejcha (Research Inst. Med. Plants, Prague). *Pharmazie* 10, 752-5 (1955).—In a com. prepn. of ergot it is desirable to obtain pure races in which the sclerotia would contain good quantities of certain desired alkaloids. ("Race" is the term proposed to be applied to a taxonomic unit showing a standard content of certain fixed alkaloids in definite proportions when the sclerotium is vegetatively reproduced.) Success was attained in sepg. 5 such races from rye ergot rich in the alkaloids noted: (1) ergotamine (I); (2) ergocornine (II) and ergocristine (III); (3) II, III, and ergocryptine (IV); (4) I, II, III; (5) I, II, III, and IV. All sclerotia examd. contained ergonovine and ergosine. The purity of the races isolated was proven by inoculating rye with their cultures, the sclerotia produced having the same compn. Rye sorts and genomic factors were much less important than race of ergot. Total yields of alkaloids is a completely different problem, probably depending on the strain within the race of ergot, some strains yielding more than others. A method was developed of propagating the ergot by using a single conidium, whereby uniform and homogeneous growth and product may be obtained. Further work is being carried on combining this method of propagation with selection of high-yielding sclerotia.
 G. M. Hocking

BREJCHA, V.

"More attention to the problems of hygiene and labor safety." P. 181.

SKLAR A KERAMIK. (Ministerstvo lehkeho prumyslu). Praha, Czechoslovakia,
Vol. 9, No. 6, June 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8,
August 1959.
Uncla.

BREJCHA, V.

Paying better attention to the problems of labor safety and hygiene. p. 164.

TEXTIL. (Ministerstvo lehkeho prumyslu) Praha, Czechoslovakia. Vol. 14, no. 5, May 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, no. 10, Oct. 1959. Uncl.

BREJDYGANT, M.

Polish Technical Abst.
No. 1 1954
Chemistry and Chemical
Technology

2647

(2)
677.21.061 : 66.093.11

✓ Brejdygant M. Laboratory Method of Dehydrating Cotton.

"Opracowanie laboratoryjnej metody otrzymywania bawełny dehydrowanej". (Prace Inst. Włók. No. 3), Warszawa, 1953, PWT, 14 pp., 9 figs., 18 tabs.

Acetylation was carried out in a bath containing a mixture of acetic acid, acetic anhydride, glacial acetic acid, toluene and 25.2 catalyst, perchloric acid. The yarn obtained by this means contained not more than 52% of acetic acid, without apparent weakening of the yarn strength. The yarn revealed a water absorbing faculty amounting to one-half the original figure and a considerable increase in electric resistance. The relative increase in resistance was of the order 10%. Further research is required over the construction of experimental equipment for acetylation of a larger quantities of yarn, with a view to finally determining parameters of this method and to making recommendations as to the designing of plant to operate on an industrial scale.

Artificial, L.

Artificial octopus fibers. p. 41

PRZEMISŁ WŁOKNIENIOWY vol. 8, no. 1/2, Jan./Feb. 1954

Poland

so. EAST EUROPEAN ACCESSIONS LIST vol. 5, no. 10 Oct. 1956

POLAND / Chemical Technology. Chemical Products and H-32
Their Application. Artificial and Synthetic
Fibers.

Abs Jour: Ref Zhur-Khimiya, No 1, 1959, 3170.

Author : Brejdygant-Miroslawska, M.
Inst : Not given.
Title : The Problem of an Acetate Fiber Production in
Poland.

Orig Pub: Przegl. włokienn., 1958, 12, No 1, 12-15.

Abstract: Trends in the production development of various
artificial synthetic fibers on a world scale are
analyzed. Particular attention is given to acet-
ate fibers. The properties of various acetate
fibers are cited. -- E. Natkhan.

Card 1/1

BREJDYGANT-MIROSLAWSKA, MARIA

POLAND/Cellulose and Its Production. Paper.

H.

Abs Jour : Ref Zhur - Khimiya, No 19, 1958, 66226

Author : Brejdygant-Mirosławska Maria, Lubawska Janina

Inst : -

Title : Cellulose Manufactured by the Polish Industry and the
Extraction from It of Acetylcellulose in Laboratory
Conditions.

Orig Pub : Przegl. papier., 1958, 14, No 3, 65-68.

Abstract : On the basis of the comparative acetylation of 3 forms
of wood cellulose of the Polish industry before and af-
ter refining by cold and hot alkali according to the
method of Yayne and Shemka, conclusions have been made
concerning the possibility of the use of Polish cellulo-
se for acetylation.

Card 1/1

BREJDYGANT-MIROSLAWSKA, M.

POLAND/Chemical Technology. Chemical Products and Their
Application, Part 4. - Artificial and Synthetic
Fibers.

H

Abs Jour: Referat. Zhurnal Khimiya, No 21, 1958, 72607.

Author : Z. Bielawski, St. Wisniakowsky, M. Brejdygant-Miroslawska.

Inst :

Title : Development Prospects of Artificial Fiber Industry in
Poland.

Orig Pub: Przegl. papiern., 1958, 14, No 3, 76-79.

Abstract: No abstract.

Card : 1/1

BREJER, Karlo

Actinomycoosis perineo-vaginalis. Srpski arh. celok. lek. 88
no.1:87-89 Ja '60.

1. Ginekolosko-porodajno odeljenje Opce bolnice u Sisku, sef:
prim. dr Karlo Brejer.
(VAGINA dis.)
(PERINEUM dis.)
(ACTINOMYCOSIS case reports)

BREJLA, L., dr.

Departmental Social Security Research Institute, Soc revue 7 no.5:
199-204 '61.

1. Reditel Studijnihg ustavu Statnihg uradu socialnihg zabezpeceni.

(Insurance, Social)

BREJNA, Stefania

40 years of plastic surgery in Czechoslovakia. Polski
przegl. chir. 28 no.2:113-119 Feb 56.

1. Z III Kliniki Chirurgicznej A. M. w Krakowie. Kierownik:
prof. J. Jasienki. Motto: Czechoslowacja posiada zakład
chirurgii plastycznej, który był przez długi czas jedyna
tego rodzaju placówka na świecie (Burian).

(SURGERY, PLASTIC, hist.

in Czech. & contribution of Franciszek Burian.

BREJNA, Stefania (Krakow, ul. Stradowska 2/8)

Surgical treatment of angiomas and nevi. Polski tygod. lek. 13 no.15:
557-560 14 Apr 58

1. (Z. III Kliniki Chirurgicznej A.M. w Krakowie; kierownik: prof. dr.
Jezry Jasienski).

(ANGIOMA, surgery,

(Pol))

(NEVUS, surgery,

(Pol))

BREJNA, Stefania (Krakow, ul. Pradnicka 37, III Klinika Chirurgiczna)

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Surgical treatment of scalp injuries. Polski przegl. chir. 30 no.6:649-655 June 58.

1. Z III Kliniki Chirurgicznej Akademii Medycznej w Krakowie Kierownik:
prof. dr Jerzy Jasienki.

(SCALP, wds. & inj.

surg., indic. & technics (Pol))

BREJNA, Stefania; KAMIENSKI, Roman; PONICKI, Franciszek

Results of surgical therapy of harelip and cleft palate. Polski
przeegl. chir. 31 no.1:39-44 Jan 59.

1. Z III Kliniki Chirurgicznej A. M. w Krakowie Kierownik: prof. dr
J. Jasienski. Adres autora: Krakow, ul. Pradnicka 37.

(HARELIP, surgery
(Pol))

(CLEFT PALATE, surgery,
(Pol))

BREJNIAK, K

L 16178-65 ENT(z)/ENP(w)/EWA(d)/EMP(v)/EMP(t)/EMP(k)/EMP(b) Pf-4 AEDC(z)/
 ASD(p)-3 JD/HW/EM P/0035/64/000/17-/0532/0533
 ACCESSION NR: AP4046512

AUTHOR: Aniola, J. (Professor, Engineer); Bazan, J. (Docent, Doctor, Engineer);
 Zapalowicz, W. (Docent, Doctor, Engineer); Madej, J. (Master engineer); Danielecki,
 S. (Master engineer); Smolarkiewicz, A. (Engineer); Brejniak, K. (Engineer);
 Madrawa, A. (Engineer)

TITLE: Method of manufacturing turbine blades with a locking piece. No. 48272

SOURCE: Przegląd mechaniczny, no. 17-18, 1964, 532-533

TOPIC TAGS: turbine blade, turbine blade manufacture

ABSTRACT: This paper describes a Polish patent for turbine blades (No. 48272,
 class 491, group 7, June 10, 1964), owned by AGH, Katedra Maszyn Hutniczych, Krakow
 (AGH, Department of Metallurgical Machines). The new method is based on
 successive pressing and rolling of the fin blades. The operation is in specific

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L 16178-65

ACCESSION NR: AP4046512

stages set up for the least possible consumption of labor. The initial material is a bar drawn from steel or alloy of a hardness not exceeding 75 HB. The bar is cut into sectors of prescribed measurements (Fig. a) which are carefully pressed. The sections are placed in a special box and into an oven for heating for about 30 min at an optimum temperature for the given material. The hot sections are pressed on a mechanical press, forge, etc., equipped with a suitably formed bipartite tool and an automatic device for heating this tool. The blade locking piece is formed in the tool (Fig. 1-b [1]), yet the cross section (Fig. 1-b [2]) along the entire fin is the same and corresponds to the cross section at the base of the completed fin (Fig. 1-b [3]). The second stage of the operation is periodic rolling of the fin on a specially braced roller and application of the grooved rolls. The pressing and rolling is carried out at a constant and even temperature of about 400 C as in the case of the WD-17 alloy (Fig. 1-c). In the rolling traction the fin obtains the required tapering and twist. On completion of the rolling, the fin is trimmed (Fig. 1-d) and the locking piece is machined. Next, the finished blade undergoes heat treatment: pickling in an aqueous solution of caustic soda, rising in water of a temperature of 90 C, brightening in an aqueous solution of nitrous acid, and drying in a jet of hot air. To safeguard against warping during the treatment, the blade is put through the rolling mill for additional sizing. Orig. art. has: 4 figures.

Card 2/4

L 16178-65

ACCESSION NR: AP4046512

ASSOCIATION: AGH, Katedra Maszyn Hutniczych, Krakow (Department of Metallurgical
Machines, AGH)

SUBMITTED: 10Jun64

ENCL: 01

SUB CODE: PR, IE

NO REF SOV: 000

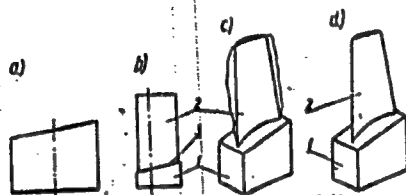
OTHER: 000

Card 3/4

L 16178-65

ACCESSION NR: AP4046512

ENCLOSURE: 01



Card 4/4

BREJT, Janusz, inz.; KLOPOTOWSKI, Jan, mgr., inz.; ZUKOWSKI, Bogumil, inz.

Poligonation net for the land register. Przegl geod 34 no.3:100-102
Mr '62.

BREJT, Janusz, mgr. inz.; KLOPOTOWSKI, Jan, mgr. inz.; ZUKOWSKI, Boguslaw, inz.

Technical preparation of polygonal networks as a basis for the
land register. Pt. 2. Przegl geod 34 no.4:145-149 Ap '62.

HUNGARY

BURN STUDIES

BREJTMAN, R., S.,*, FENYVESI, Agnes, Dr, NOVAK, Janos, Dr, physician-major;
*Tsernovci No 3 Hospital, USSR, and [affiliations not given].

"The Use of PVC Sheets to Cover Burns."

Budapest, Honvedorvos, Vol XVIII, No 1, Jan-Mar 66, pages 17-18.

Abstract: [Authors' Hungarian summary] The favorable experiences with the use of PVC sheets as bandage materials in almost 200 cases of burns are reported. 9 Eastern European, 3 Western references.

1/1

BREK, B.M., inzh.; IZVEKOV, G.M., inzh.; LAPTEV, T.I., inzh.

Using the tensiometric method for determining the specific
pressure of compaction. Torf.prom. 39 no.4:30-33 '62.

(MIRA 15:7)

1. Upravleniye Gorenergo (for Brek, Izvekov). 2. Gor'kovskaya
laboratoriya ispytaniya materialov (for Laptev).

(Brigets (Fuel))

(Peat machinery—Testing)

BLAGONRAVOV, S.I.; BREK, B.M.; BYAKOV, P.T.; VIKTOROV, V.S.; VAGANOV,
V.I.; GUSEV, S.A.; GLEBOV, V.V.; GURILEV, A.M.; DANILOV, G.D.;
ZAV'YALOV, V.G.; IOFFE, Ye.F.; IZVEKOV, G.M.; KONOVALOV, S.A.;
KULIGIN, A.S.; KASATKIN, A.P.; KUZNETSOV, N.I.; LEBEDEV, A.I.;
LEMPERT, Ye.N.; MARGEVICH, Ya.I.; MAYZEL', M.A.; MITYAKOV, V.S.;
NOSKOV, M.M.; RYABCHIKOV, M.Ya.; RATSMAN, N.I.; TVOROGOV, M.K.;
UGOL'NIKOV, V.Ya.; KHAR'KOV, G.I.; CHADOV, S.L.

Lev Mil'evich Matveev; obituary. Torf. prom. 38 no.4:38 '61.

(MIRA 14:9)

(Matveev, Lev Mil'evich, 1914-1961)

2167 Brek, Ya. F

Pervyye Shagi Kollektiva Novogo Zernosovkhozakhozov SSSR, 1954. 7s. 21sm.

(M-Vo Sovkhozov SSSR. Glav. Upr. s.-Kh. Propagandy. Osvoyeniye Tselinnykh

I Zalezhykh Zemel'-Vsenarodnoye Delo). 15.000 EKZ. Bespl.

(54-56522)p

338.1 Sov: 633. 1-631. 61) (584.697)

BREKHIN, I.

Improve the quality of magnetic starters. Bezop. truda v prom.
2 no.8:41 Ag '58. (MIRA 12:7)

1. Starshiy energetik rudnika "El'brus."
(Electric switchgear)

S/200/62/000/011/004/008
D243/D307

AUTHORS: Brekhman, I. I., Bykhovtsova, T. L., Ratimov, B. N.,
Suprunov, N. I. and Fedorov, B. T.

TITLE: The first results of trials of preparations of the
spiny Eleutherococcus in fur farming, poultry farming
and bee-keeping

PERIODICAL: Akademiya nauk SSSR. Sibir'skoye otdeleniye. Izvestiya,
no. 11, 1962, 123-128

TEXT: The present work extended the authors' previous investiga-
tions on the effects of Eleutherococcus. 200 minks, aged 4 months
on September 3, 1961, received 1 ml/kg of fluid extract of Eleu-
therococcus root daily with milk. At death (November 28, 1961)
their average weight exceeded that of controls by 92 g (8.1%) for
males, and 57 g (7.1%) for females. Three treated animals died,
as compared with 13 controls. Of the 123 animals treated, 57.4%
had large pelts, 31.4% average and 23.2% small: control figures
were 48%, 28.8% and 23.2% respectively. Pelt value increased by

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The first results of ...

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5.3%. Liver and muscle glycogen, serum albumen and percent globulin rose and the albumen-globulin ratio fell from 1.55 to 1.40. In animals with 'wetting' disease, daily administration of 1 ml/kg Eleutherococcus root rapidly improved appetite and general condition and dried the affected parts of the pelt. Full recovery was reached after 3 - 5 days. The health and survival of incubator chicks was much improved after treatment with 1% solution of Eleutherococcus leaf extract. 0.5 to 2% solutions greatly increased appetite, mobility and activity, and led to earlier plumage and, in cocks, to earlier comb growth. 1 ml/kg Eleutherococcus root extract with the feed increased the weight of experimental birds, whose egg-laying capacity was also less affected by cold weather, being 2.2 times that of controls. Egg-laying began one month earlier and was more regular. The difference in the number of eggs during the experiment was 17.2% and the average weight of an egg increased by 13.5%. Bees given 0.5 - 2% solutions of Eleutherococcus root extract in sugar syrup developed faster, were more active, flew abroad earlier, flew in bad weather, and finished flying later, these effects increasing with concentration. Honey pro-

Card 2/3

The first results of ...

S/200/62/000/011/004/008
D243/D307

duction was increased by 60% by giving a 2% extract of Eleuthero-
coccus root and by 19% by a similar dose of leaf extract for 20
days. There are 2 figures and 2 tables.

Card 3/3

BREKHMAN I. I.

USSR/Medicine - Pharmacophysiology

FD-855

Card 1/1 Pub.30 - 6/18

Author : Brekhman, I. I. and Fruyentov, N. K.

Title : The effect of gin-seng on the reactivity of an organism

Periodical : Farm. i toks. 17, 27-30, Jul/Aug 54

Abstract : Experiments showed that subcutaneous injection of milk into rabbits which had previously been administered extracts of gin-seng did not cause fever or leukocytosis. Similar results were obtained in experiments with turpentine. Single or multiple injections of gin-seng, administered prior to freezing the ears of rabbits, prevented the development of as severe inflammations as appeared in control animals. The inflammations which did appear in the treated animals caused hardly any leukocytosis or loss of weight. Administration of gin-seng daily for 21 days prior to freezing, interrupted 2 days before freezing, proved to be even more effective in preventing inflammatory reactions. The experiments are illustrated by two charts and three graphs. No references are cited.

Institution : The Naval Medical Academy

Submitted : --

BREKHMEN, I.I.

Following I.P. Pavlov's teaching in the scientific study of the
effect of ginseng and schizandra. Mat. k izuch. shen'-shenia i
lim. no.2:7-12 '55. (MLRA 9:10)

(GINSENG) (SCHISANDRA)

BREKHMAN, I.I.

Effect of ginseng on conditioned reflexes in white mice. Mat.
k izuch. shem'-shenia i lim. no.2:124-131 '55. (MLRA 9:10)

(GINSENG--PHYSIOLOGICAL EFFECT) (CONDITIONED RESPONSE)

BREKHMAN, I.I.
USSR / Pharmacology, Toxicology, Analeptics

U-3

Abs Jour : Referat Zh.-Biol., No 1, 1958, No 3373

Author : Brekhman, I.I.

Inst : Not given

Title : The Effect of Ginseng on the Course of Inflammation

Orig Pub : Materialy k izucheniyu zhen'shenya i limonnika. Vyp. 2,
M.L., AN SSSR, 1955, 132-139

Abstract : A study was made on the effect of the internal administration of a liquid extract of cultivated red (Korean) ginseng on the course of the inflammatory process in a rabbit's ear after freezing. The ear's volume, local temperature, and amount of contained leucocytosis and the animals' body weight were measured. The therapeutic anti-inflammatory effect of ginseng was weaker than that of

Card : 1/2

USSR / Pharmacology, Toxicology. Analeptics

U-3

Abs Jour : Referat Zh.,-Biol., No 1, 1958, No 3373

Abstract : sulfidin. The prolonged prophylactic administration of ginseng was more effective than the therapeutic administration. It was noted that ginseng possessed less toxicity than sulfidin.

Card : 2/2

BREKHMAN, I.I.

U-3

USSR / Pharmacology, Toxicology. Analeptics

Abs Jour : Referat Zh.-Biol., Nol, 1958, No 3374

Author : Brekhman, I.I.

Inst : Not given

Title : The Effect of Ginseng on Wound Healing.

Orig Pub : Materialy k izucheniyu zhenshenya i limonnika. Vyp. 2. M.-
L., AN SSSR, 1955, 140-146.

Abstract : A one one-hundredth dilution of a liquid extract of ginseng root when applied topically, accelerated the healing of experimental wounds in the cornea; when ginseng was given internally, the process of healing was retarded. Its local and internal administration favored the healing of the experimental wounds in the pinnae of rabbit ears and was more effective than Vishnevskiy ointment. The

Card : 1/2

БРЕКХМАН, И.И.

BELIKOV, I.F.; BREKHEMAN, I.I.

Conference on ginseng in the Department of Biological Sciences of the
Academy of Sciences of the U.S.S.R. Soob. DVFAN SSSR no.7:89-90 '55.
(Ginseng) (MIRA 10:4)

BREKEMAN, I.I.; FRUYENTOV, N.K.

Effect of ginseng root on endotoxic leucopenia in rabbits. Farm. i
toks. 19 supplement:37 '56. (MIRA 10:7)
(LEUCOPENIA) (GINSENG)

BREKMAN, I.I.

[Ginseng] Zhen'-shen'. [Leningrad] Medgiz, 1957. 181 p. (MLRA 10:7)
(GINSENG)

USSR / Pharmacology, Toxicology. Analeptics.

V

Abs Jour: Ref Zhur-Biol., No 18, 1958, 85119.

Author : ~~Brekhaman, I. I.~~, Khakham, A. I., Oskotskiy, L. I.

Inst : Not given.

Title : The Course and Outcome of Radiation Sickness in
White Mice Following Prophylactic and Therapeutic
Use of a Liquid Extract of Ginseng.

Orig Pub: In the collection: Materialy k izych. zhen'shenya
i limonika. No 3, Leningrad, 1958, 71-77.

Abstract: In experiments on mice, studies were made of the
influence of a liquid extract of the root of the
ginseng (G) on the course of radiation sickness.
The mice were irradiated with doses of X-ray and
with gamma-rays from Co⁶⁰. G, in a dose of 0.1
ml of a 10% solution, was given subcutaneously to
mice every other day. The animals were divided in-

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14

USSR / Pharmacology, Toxicology. Analeptics.

V

Abs Jour: Ref Zhur-Biol., No 18, 1958, 85119.

Abstract: to three groups - prophylactic, therapeutic, and control. With a dose of radiation approximating the LD₅₀, observations over a period of 30 days revealed a marked prophylactic effect of G in regard to survival and to duration of life of the animals. The number of animals of the control group dying in the course of the 30-day period was 58.3%, and the average duration of life was 20.7 days; with prophylactic administration of G these figures were respectively 41% and 24 days. The injection of G following irradiation led to aggravation of the course of radiation sickness with a higher percentage of mortality (83.3%) and to a reduction in the duration of life (16.3 days).
-- V. V. Berezhinskaya.

Card 2/2

BELIKOV, I.F.; BREKHMAN, I.I.

Some results of the activities of the Ginseng Committee. Izv. Sib.
otd. AN SSSR no.7:133-135 '58. (MIRA 11:9)
(Ginseng)

BREKHMEN, I.I.; GRINEVICH, M.A.

Method for biological standardization of ginseng root preparations.
Apt.delo 8 no.6:34-38 N-D '59. (MIRA 13:4)

1. Iz laboratorii farmakologii Dal'nevostochnogo filiala imeni V.I.
Komarova AN SSSR.
(GINSENG) (DRUGS--STANDARDS)

BREKHMAN, I.I.

Eleutherococcus senticosus, a new medicinal plant from the Araliaceae.
Izv.Sib.otd.AN SSSR no.9:113-122 '60. (MIRA 13:11)

1. Dal'nevostochnyy filial Sibirskogo otdeleniya AN SSSR.
(Ginseng)

BREKHMAN, I.I.; OSKOTSKIY, L.I.; KHAKHAM, A.I.

Effect of certain preparations from plants of the Aralia family
on experimental radiation sickness. Med.rad. 5 no.2:33-36 F '60.
(GINSENG) (RADIATION SICKNESS) (MIRA 13:12)

BREKHMAN, I.I., doktor med.nauk

Certain aspects of the study of medicinal plants. Vest.AMH SSSR
15 no.2:30-33 '60. (MIRA 14:6)

1. Dal'nevostochnyy filial imeni V.L.Komarova Sibirskogo otdeleniya
Akademii nauk SSSR.
(BOTANY, MEDICAL)

BREKHMEN, I.I.

"Elements of a quantitative evaluation of pharmacological effect"
by M.L.Belen'kii. Reviewed by I.I.Brekhman. Farmi toks. 23 no.4:
367-369 J1-Ag '60. (MIRA 14:3)
(PHARMACOLOGY) (BELEN'KII, M.L.)

~~BREKHMAN, I.I., doktor med.nauk;~~ MATYUKHIN, V.A., kand.med.nauk;
FRUYENTOV, N.K., kand.med.nauk (Vladivostok)

Results of a study of lead contamination of the hands of workers
with ethylated gasoline. Gig.i san. 25 no.7:97-98 J1 '60.
(MIRA 14:5)

(HAND—DISEASES) (LEAD POISONING)

BREKHMAN, I.I.

Eleutherococcus, a new medicinal plant of the ginseng family.

Komar.chten. no.9:3-41 '61.

(MIRA 14:8)

~~(Soviet Far East Eleutherococcus) (Pharmacology)~~

BREKHMEN, I.I.

Conference on the pharmacology and medical use of the spiny
eleutherococcus. Izv. Sib. otd. AN SSSR no.10:153-154 '61.
(MIRA 14:12)

(ELEUTHEROCOCCUS) (STIMULANTS)

BREKHMEN, I.I.; BELIKOV, I.F.; VOROB'YEV, D.P.

"Ginseng; problems of biology" by I.V. Grushvitskii. Reviewed
by I.I. Brekhan, I.F. Belikov, D.P. Vorob'ev. Izv. Sib. otd.
AN SSSR no.11:148-149 '61. (MIRA 15:1)

(GINSENG)
(GRUSHVITSKII, I.V.)

BREKHMEN, I.I.; GOLIKOV, P.P.

Mechanism of anti-endematous effects of chlortetracycline and cytosine.
Antibiotiki 6 no.5:419-422 My '61. (MIRA 14:7)

1. Laboratoriya farmakologii (zav. I. I. Brekhman) Dal'nevostochnogo
filiala Sibirskogo otdeleniya AN SSSR.
(AUREOMYCIN) (PYRIMIDINE) (ADRENAL GLAND)
(EDEMA)

BREKHMAN, I.I.; BYKHOVTSOVA, T.L.; RATIMOV, B.N.; SUPRUNOV, N.I.; FEDOROV,
B.T.

First results of testing preparations derived from Eleutherococcus
senticosus in fur farming, poultry husbandry and bee culture. Izv.
Sib. otd. AN SSSR no. 11:123-128 '62. (MIRA 17:9)

1. Dal'nevostochnyy filial Sibirskogo otdeleniya AN SSSR, Vladivostok.

BREKHMAN, I.I.

Fundamental paths and problems in the study of medicinal plants of the Far East. Mat. k izuch. zhen'. i drug. lek. rast. Dal'. Vost. no.5:5-11 '63.

Comparative data on the pharmacological effect of the roots of ginseng, Eleutherococcus, Echinopanax horridus and Aralia mandshurica. Ibid.:219-227 (MIRA 17:8)

1. Dal'nevostochnyy filial imeni Komarova Sibirskogo otdeleniya AN SSSR.

BREKHMAN, I.I.; OLEYNIKOVA, T.P.

Comparative data on the effect of ginseng and *Elautherococcus*
on artificially raised level of blood sugar. Mat. k izuch.
zhen'. i drug. lek. rast. Dal'. Vost. no.5:249-251 '63.

(MIRA 17:8)

i. Dal'nevostochnyy filial imeni V.I. Komarova Sibirskogo
otdeleniya AN SSSR.

BREKHMAN, I.I.; GRINEVICH, M.A.; GLAZUNOV, G.I.

Effect of liquid ginseng extract on the duration of the "work"
of white mice until complete exhaustion. Soob. DVFAN SSSR
no.19:135-138 '63. (MIRA 17:9)

1. Biologo-pochvennyy institut dal'nevostochnogo filiala
Sibirskogo otdeleniya AN SSSR.

BREKHMEN, I.I.

Methods of primary pharmacological investigation of preparations derived
from plants. Trudy Len. khim.-farm. inst. no.17:287-294 '64.

(MIRA 18:1)

1. Dal'nevostochnyy filial imeni akademika V.I. Komarova Sibirskogo
otdeleniya AN SSSR.

I. 2145-66 EWT(1)/EWT(m)/FS(v)-3 DD
ACCESSION NR: AP5024153

UR/0216/65/000/005/0762/0765
615-092.259

AUTHOR: Brekhman, I. I.; Mayanskiy, G. M.

TITLE: Eleutherococcus — a drug for increasing the nonspecific resistance of an organism

SOURCE: AN SSSR. Izvestiya. Seriya biologicheskaya, no. 5, 1965, 762-765

TOPIC TAGS: pharmacognosy, experimental animal, animal experiment, nervous system drug, drug effect, bodily fatigue, temperature adaptation, antidote, antiradiation drug, cancer drug

ABSTRACT: Substances which increase nonspecific resistance of the organism, such as dibazol, are now called adaptogens, the name given by N. V. Lazarev in 1962. One of these, Eleutherococcus senticosus Maxim., has been widely investigated in recent years to determine the nature of its protective action against various physical, chemical, and biological factors. The article presents findings showing liquid root extracts of Eleutherococcus to be effective in increasing the nonspecific resistance of animals to hypothermia, hyperthermia, centrifugation, and radiation. In chemical studies, Eleutherococcus was shown to act as an antinarcotic against ether, chloral

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L 2145-66

ACCESSION NR: AP5024153

hydrate, medinal, and ethyl alcohol. Eleutherococcus root extract also reduces the toxicity of antitumor drugs (thiophosphamide, sarcolysis, and 6-mercaptopurine). In biological studies of tumors in animals, the extract was found to reduce postoperative metastasis and prolong animal survival. The mechanism of action of the nonspecific resistance induced by Eleutherococcus is not yet understood and requires further investigation. Orig. art. has: 2 tables. [06]

ASSOCIATION: Biologo-pochvennyy institut Dal'nevostochnogo filiala Sibirskogo otdeleniya AN SSSR (Biology Soil Institute of the Far Eastern Filial of the Siberian Branch, AN SSSR)

SUBMITTED: 21Mar63

ENCL: 00

SUB CODE: LS

NO REF SOV: 016

OTHER: 000

ATD PRESS: 4113

Card

2/2

BREKHMEN, I.M., red.

[Materials of the Conference on the Prevention and Treatment of Cancer and the Search for Antineoplastic Agents from Medicinal Plants of the Far East] Materialy konferentsii po probleme profilaktiki, lecheniya raka i poiskov protivorakovykh sredstv iz dal'nevostochnogo lekarstvennogo syr'ya. Vladivostok, 1963. 70 p. (MIRA 18:11)

1. Konferentsiya po probleme profilaktiki, lecheniya raka i poiskov protivorakovykh sredstv iz dal'nevostochnogo lekarstvennogo syr'ya. Vladivostok? 1963.

BREKHMEN M.I.; DUBINSKIY, N.M.

(as flow meters in gas-distributing stations. Neft. i gaz. prom.
no.4:72-74 O-D '63. (MIRA 17:12)

1. Ukrainskiy gosudarstvennyy institut po proyektirovaniyu pred-
priyatiy po dobyche prirodnnykh gazov.

GORDZYALKOVSKIY, V.V.; BREKHMEN, M.I.; DUBINSKIY, M.N.

Unit for the automatic introduction of methanol into a gas pipeline. Gaz. delo no. 3:16-18 '64. (MIRA 17:5)

1. Gosudarstvennyy institut po proyektirovaniyu predpriyatiy gazovoy promyshlennosti i promyshlennosti iskusstvennogo zhidkogo topliva.

BREKHMAN, M.S.;GORODETSKIY, V.I.

Electric generating installation for feeding cathodic protection
stations for gas pipelines. Gaz. prom. no.6:31-33 Je '56. (MLRA 9:12)
(Electric generators) (Gas pipes)

BREKHMEN, M.S.

Operation of compressor cylinders without water cooling. Gaz. prom.
no. 6:37-39 Je '56. (MLRA 9:12)
(Compressors--Cooling)

BRINKMAN, M.S.

Vapor phase cooling of gas engine cylinders. Gas. prom. no. 4:48-49
Ap '58. (MIRA 11:4)

(Gas and oil engines--Cooling)

GOLUBEV, N., kand.tekhn.nauk; STERLIN, Ye., kand.tekhn.nauk; FEOKTISTOV, M.; BREKHOV, A.; SIMAKIN, V.; KOZLOVA, L., tkachikha; NIKONOVA, K.; CHERTEKOV, L.; SLUTSKIN, S.; MINAYEV, I., inzh.

Introducing a new organization of work; letter to the editor. Tekst.prom. 19 no.12:18 D '59. (MIRA 13:3)

1. Direktor Novo-Tkatskoy fabriki Glukhovskogo kombinata imeni V.I.Lenina (for Feoktistov). 2. Zaveduyushchiy 1-y tkatskoy fabrikoy kombinata "Vozhd' proletariata" (for Brekhov).
3. Nachal'nik tkatskogo proizvodstva fabriki im.M.V.Frunze (for Simakin). 4. Fabrika im. Frunze (for Kozlova, Nikonova).
5. Zaveduyushchiy normativno-issledovatel'skoy laboratoriyey po trudu fabriki im. M.V.Frunze (for Chertkov). 6. Zaveduyushchiy normativno-issledovatel'skoy laboratoriyey ramenskogo kombinata "Krasnoye Znamya" (for Slutskin).
(Weaving)

L 25664-65 EWT(d)/EWT(m)/ENP(f)/EPR/T-2/EPA(bb)-2/ENA(c)
ACCESSION NR: AR4046077 S/0285/64/000/007/0017/0017

15
13
B

SOURCE: Ref. zh. Turbostroyeniye. Otdel'nyy vy*pusk, 7.49.82

AUTHOR: Brekhov, A. F.

TITLE: Use of the variational principle of peak mechanical energy flux for turbine check calculations

CITED SOURCE: Tr. Khar'kovsk. aviats. in-ta, vy*p. 22, 1963, 28-31

TOPIC TAGS: high pressure turbine³¹, axial velocity distribution, turbine check calculation, axial gap, mechanical energy flux, peak flux principle

TRANSLATION: The radial distribution of axial velocity in a turbine is defined by using the variational principle of peak flux of mechanical energy, as introduced by V. N. Yershov. The principle states that stable motion of a viscous medium corresponds to peak energy through a given cross section. This means, mathematically, that the partial derivative of axial velocity, obtained as the product of mechanical energy increase and axial velocity, is a constant value. Calculations stipulated that the angles α_1 and β_1 , as well as velocity coefficients φ and ψ , are independent of the conditions of turbine operation. The radial

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ACCESSION NR: AR4046077

variation of axial velocity in axial gaps was determined for a stage of a high pressure turbine at three different levels of gas discharge. A comparison of calculated and experimental results indicated good agreement. A conclusion is reached as to the advisability of using the new principle in calculation defining the pattern of variation of axial velocity in the axial gaps of a turbine. Bibl. with 2 titles; 4 illustrations. I. Barskiy.

SUB CODE: PR

ENCL: 00

2/2

Cord